Mountain Weather Forecast

Peak District National Park

Forecast valid from 06:00 on Wednesday 09 Feb 2022 until 23:59 on Thursday 10 Feb 2022

Forecast Issued on Wednesday 09 Feb 2022 at 02:37

Confidence: Moderate confidence for placement of frontal zone on Wednesday morning, but high confidence for a generally colder, brighter more showery regime to become established. Lower confidence over the weekend.

Headline for Wednesday 09 Feb 2022: A cloudy and wet start. Becoming drier and brighter through the morning, but colder, with risk of showers.

Mountain weather hazards on Wednesday 09 Feb 2022

Blizzards No Likelihood	**Heavy persistent snow** No Likelihood	**Storm force winds** No Likelihood
Gales No Likelihood	**Severe chill effect** Low Likelihood	**Poor visibility** Low Likelihood
Thunderstorms No Likelihood	**Heavy persistent rain** No Likelihood	**Strong sunlight** No Likelihood

Weather and chance of precipitation at 600m					
Time					
06:00	09:00	12:00	15:00	18:00	21:00
Light rain	Cloudy	Sunny intervals	Sunny intervals	Partly cloudy (night)	Cloudy
Precipitation probability					
60%	20%	10%	10%	10%	20%

Forecast for Wednesday 09 Feb 2022

Weather: Cloudy and wet at first on Wednesday with rather extensive hill fog, especially onto western hills, but conditions will improve through the morning. Mainly dry by mid to late morning and cloud will break up to allow for sunny spells in the afternoon. Becoming colder with a few showers, possibly wintry over higher tops. Dry with clear spells in evening, though amounts of high cloud will increase.

Chance of cloud-free hill tops above 600m: 20% at first, but improving to 100% through the morning.

Low cloud and visibility: Moderate or poor in rain at first, but very poor in extensive cloud above 300-500m with nearby landmarks obscured. Becoming generally good away from showers with distant hills visible.

Check our weather forecast every day to get the most accurate and up to date information
http://www.metoffice.gov.uk/public/weather/mountain-forecast
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Mountain Weather Forecast

Forecast for Wednesday 09 Feb 2022

Height (m)	Wind Speed mean/gusts (mph) Wind Direction (blowing from)						
	06:00	09:00	12:00	15:00	18:00	21:00	00:00
600	27/33 W	26/32 W	25/33 W	23/30 W	18/24 W	20/27 SW	20/27 W
300	18/23 W	18/24 W	19/27 W	18/25 W	12/18 W	14/21 SW	15/22 SW
Valley	11/24 W	12/25 W	14/27 W	14/26 W	8/19 W	9/21 SW	9/21 W

Height (m)	Temperature / Feels Like (°C)						
	06:00	09:00	12:00	15:00	18:00	21:00	00:00
600	4/-2	2/-5	2/-5	2/-4	1/-5	1/-6	0/-7
300	6/2	5/0	5/-0	5/0	4/-0	3/-1	3/-2
Valley	7/3	6/2	6/2	6/2	4/1	4/0	3/-0
Freezing Level*	1100m	700m	700m	600m	500m	600m	500m

**Level above which ground is expected to be frozen/snow is expected to settle.*

Meteorologist's View

Brisk southwest winds and rain at first will bring some chill effect and a more significant chill developing over the tops as colder conditions spread south.

Recent rainfall: measured at Cat & Fiddle: altitude 511m

Recorded at	Last 24 hours:	Last 48 hours:	Last 72 hours:
03:00 on Wed 09 Feb 2022	0.4mm	3mm	17.6mm

Forecast for Thursday 10 Feb 2022

Weather: Thicker cloud overnight, but mostly dry. Cloud moving away south around dawn to leave a cold, bright day. Some sunny spells but also with a scattering of wintry showers. A cold day with a significant chill on the tops.

Maximum wind: West 15-20 mph with gusts 30mph becoming northwest 25-30 gust 40mph

Chance of cloud-free hill tops above 600m: 70%, with good views likely but some lower cloud expected as showers pass.

Low cloud and visibility: Mainly good, but poor in showers and very poor in cloud. Most cloud above 500m and generally patchy, but becoming occasional in showers.

Temperature: **Valleys:** Plus 1 C rising to plus 5 C
At 600m: Zero to Minus 1 C
Freezing level: 500m

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